

Title (en)

Electrophotographic photosensitive member, and electrophotographic apparatus and device unit employing the same

Title (de)

Elektrophotographisches, lichtempfindliches Element, elektrophotographisches Gerät und Geräteeinheit unter Verwendung desselben

Title (fr)

Élément photosensible électrophotographique, appareil électrophotographique et appareillage l'utilisant

Publication

EP 0578094 B1 19970910 (EN)

Application

EP 93110293 A 19930628

Priority

JP 19274992 A 19920629

Abstract (en)

[origin: EP0578094A2] The present invention provides an electrophotographic photosensitive member comprising a photosensitive layer formed on an electroconductive support, and a surface layer formed on the photosensitive layer, wherein said photosensitive layer contains a charge-generating substance, a charge-transporting substance, and a binder resin, and the surface layer contains a fluorine-atom-containing particulate resin, a charge-transporting substance, and a binder resin, wherein the binder resin in the surface layer and the binder resin in the photosensitive layer are composed of the same constitution components, the binder resin in the surface layer has a number-average molecular weight of from 50,000 to 160,000 and the binder resin in the photosensitive layer having a number-average molecular weight of from 10,000 to 50,000, and the number-average molecular weight of the binder resin in the surface layer is two or more times larger than that of the binder resin in the photosensitive layer. <IMAGE>

IPC 1-7

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IPC 8 full level

G03G 5/047 (2006.01); **G03G 5/05** (2006.01); **G03G 5/147** (2006.01)

CPC (source: EP US)

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Cited by

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